

Minutes for July 14, 2005 Cadd Users Group Meeting

Legend

- ⌘ Scheduled Topic
- ❖ Discussion of Topic

I. General Issues / Mike Tyndall

⌘ Parcel Index MDL and Parcel Numbers

- ❖ The proper (preferred) use of parcel index numbers was discussed. Roadway has historically assigned its own independent set of parcel numbers beginning with parcel number 1 and continuing consecutively through the project. On large projects, the parcel index mdl utility has been used to populate the parcel index summary sheet (Roadway is no longer doing the ROW Area Data Sheet). It has been proposed in the past, and again in this meeting by Roadway Cadd Support, that Roadway not re-assign a completely new set of parcel numbers when they are already being assigned by Locations and Surveys.

The main objection to this in the past has been that the parcel numbers will not be sequential and will have gaps in the sequencing if we use the Locations & Surveys numbers.

For the time being, Roadway Cadd Support will have the Parcel Index mdl utility re-compiled to pull parcel numbers from “*rdy row dgn*” file and allow the designer to use whichever method of numbering they prefer.

⌘ rd_autoxd.ma

- ❖ Discussion postponed until another meeting / See video tutorial on S:\ drive

⌘ Overview of Scaling and Plotting within a Design Model

- ✓ Real World Units, Design Units, and Paper Units
- ✓ Project Scale, Active Scale, True Scale, and 1:1
- ✓ Real World Objects and Annotation
- ❖ The distinction was emphasized between scaling in a “*dgn*” file and scaling when plotting. The future use of Sheet Models was mentioned. A brief description of the function of True Scale in MicroStation was given and why this is different from what is sometimes referred to as “*real world units (1:1)*”.

- ❖ Also, the distinction between the notation in scales used in english and metric was discussed. In english units, when we refer to a 50 scale, that is actually 1"=50', which equates to 600:1 (a *unit-less* ratio) independent of inches, feet, millimeters, or meters, etc. In metric you don't have this conflict. So when we refer to a 500:1 scale, the scaled object is actually 500 times the dimension of the original object.

✧ PDF Creation

- ❖ A brief demo was given of a "*shortcut method*" of creating pdf's from within MicroStation. A more detailed presentation of this will be given at the next meeting using a regular "*dgn*" file versus hearing map "*phm*" file. This shortcut method isn't appropriate for "*phm*" files as yet and is better used only in situations when the user needs a quick pdf file of a regular dgn file.

II. Plan Sheet Labeler in GeoPak 2004 / Oak Thammavong

✧ Using V8 Text Styles for Labeling

- ❖ A new Label Style library has been developed by Oak and was demonstrated on the meeting. The file is located in Roadway's Workspace under \\NCDOT_V8_Workspace\\ROADWAY_STDS\\Standards\\Geopak\\ddb\\label_style\\RD_PLAN.LSF.
- ❖ A video tutorial will be available soon for use from our S:\ drive.

III. General Q&A Session